

10 connection management status is received.

1 12. The method of claim 11, wherein the predetermined digital interface is
2 an IEEE 1394 format, and the predetermined data transmission format is an IEC
3 61883 format.
4

1 13. The method of claim 11, wherein, in the step (b), the connection
2 management command complies with a notify command form of a format of audio-
3 video/control command transaction sets.

1 14. The method of claim 11, wherein, in the step (c), if a bit field of an
2 input plug control register or an output plug control register is changed, a response
3 to the connection management command is received, wherein the input and output
4 plug control registers are connection control registers defined by an IEC 61883
5 format.

1 15. The method of claim 11, wherein, in the step (c), if the response to the
2 connection management command indicates a change of a bit field representing an
3 on-line or off-line status the first device for transmitting information, a connection is
4 broken or established with the first device.

1 16. The method of claim 11, wherein, in the step (c), if the response to the
2 connection management command indicates a change in a bit field representing an
3 on-line or off-line status in the second device for receiving information, a connection
4 is broken or established with the second device.

1 17. The method of claim 11, wherein, in the step (c), if the response to the
2 connection management command indicates a change in a payload bit field
3 resulting from a change in a bandwidth of output information in the first device for
4 transmitting information, a connection is terminated or established based on whether

3 an IEC 61883 format.

1 23. The command structure of claim 20, further comprising an operand for
2 designating bit fields of the output plug control register or the input plug control
3 register.

1 24. The command structure of claim 20, further comprising an operand
2 indicating whether the connection is for a private purpose.

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